

Claims

- [c1] 1. A method of providing a spray formed composite article, said method comprising:
- (a) providing a first article, the first article being a spray formed article;
 - (b) locating a second article adjacent the first article;
 - (c) spraying metallic particles onto the articles; and
 - (d) allowing the sprayed metallic particles to form a metal deposit extended between and connecting the first and second articles.
- [c2] 2. The method of claim 1 wherein in step (b) a gap is formed between the first and second articles when the second article is located adjacent the first article.
- [c3] 3. The method of claim 2 wherein in step (c) the metallic particles are sprayed into the gap and in step (d) at least a portion of the metal deposit is formed in the gap.
- [c4] 4. The method of claim 3 wherein each of the first and second articles each have (i) upper surfaces spaced apart a first distance from each other and (ii) end surfaces that face each other and are spaced apart from each other a second distance, less than the first distance.
- [c5] 5. The method of claim 4 wherein each of the end surfaces have portions that contact each other and each of the first and second articles have intermediate surfaces extending between and connecting each respective end surface with each respective upper surface.
- [c6] 6. The method of claim 5 wherein each of the intermediate surfaces extend at an angle of 5 ° to 60 ° relative to each respective upper surface.
- [c7] 7. The method of claim 1 wherein a reinforcing member is provided proximate the first and second articles and a metal spraying device is provided for spraying the metal particles of step (c), the first and the second articles being located between the metal spraying device and the plate.
- [c8] 8. The method of claim 7 wherein the metal deposit extends between and connects the reinforcing member with at least one of the first and second

- [c21] 21. The composite article of claim 20 wherein the second article comprises a spray formed article.
- [c22] 22. The composite article of claim 20 wherein each of the articles have surfaces that contact each other.
- [c23] 23. The composite article of claim 22 wherein each of the articles have angled surfaces that cooperate to form a cavity, with at least a portion of the deposit being disposed within the cavity.
- [c24] 24. The composite article of claim 23 further comprising, a reinforcing member, with the deposit extending between and connecting the first and second members and the reinforcing member.
- [c25] 25. The composite article of claim 20 wherein the second article comprises a securing member.
- [c26] 26. The composite article of claim 20 wherein each of the articles have an interface surface that substantially cooperates with each other.